

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-12 without prejudice or disclaimer.

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-12. (Canceled)

13. (New) A flexible cable with an abrasion resistant sheath made of thermoplastic material, particularly a drag chain cable or a robot cable, wherein the sheath comprises:

an inner extruded plastic layer (2);

a braiding (3) over and adhering to said inner plastic layer (2) with a visual coverage of 40 % to 70 %, the braiding (3) comprising a plurality of filaments of a material which is chemically and thermally stable; and

an outer plastic layer (4) over said braiding and applied by pressure extrusion, such that the spaces in the braiding (3) are nearly filled by the material of the outer plastic layer (4),

wherein the filaments are monofilaments, the diameter of which is between 0.15 and 0.25 mm, and the monofilaments contain a flame-proofing agent.

14. (New) A flexible cable as claimed in claim 13, wherein said monofilaments are made of polyamide, preferably polyamide 6.

15. (New) A flexible cable as claimed in claim 13, wherein the monofilaments made of polyethersulfone.

16. (New) A flexible cable as claimed in claim 13, said cable having a metal braided shield (5) surrounding a core, further comprising a separation layer of a non-woven material or a plastic foil (6) between the braided shield (5) and the braiding (3).

17. (New) A flexible cable as claimed in claim 16, wherein the non-woven material or the plastic foil (6) is coated with a powder that swells in the presence of moisture.

18. (New) A flexible cable as claimed in claim 13, said cable including a plurality of wires embedded in an inner sheath.

19. (New) A flexible cable as claimed claim 1, wherein said visual coverage is between 50% and 65%.

20. (New) A flexible cable as claimed in claim 13, wherein the jacket is made of at least one material selected from the group consisting of polyurethane, polyvinylchloride or a thermoplastic elastomer.